

Abstract

The present invention relates to an axial spring element, and an electric machine (10), in particular for driving functional elements in a motor vehicle, with a rotor shaft (12), which is rotatably supported in a housing part (16) of a housing via a roller bearing (22, 20). An axial spring element (32) is located between the roller bearing (22, 20) and a rotor component (34) installed non-rotatably on the rotor shaft (12). The axial spring element (32) includes an inner ring (40) and an outer ring (42), which are interconnected in an axially resilient manner, and the outer ring (42) is axially connected to the rotor component (34).